TRI On-site and Off-site Disposal or Other Releases, 2002: Manufacturing* Industries

		On-site Disposal or Other Releases													Total On-site
		Disposal to Class I Underground Injection Wells, CRA Subtitle C Landfills, and Other Landfills												Total Off-site	and Off-site
	RCRA S	ubtitle C Landfi RCRA Subtitle		ndfills	Fugitive Air	Point Source		On-site Disposa Class II-V	l or Other Rele	ases	Other Land		Disposal or Other	Disposal or Other	Disposal or Other
State	Class I Wells	C Landfills	Landfills	Subtotal		Air Emissions	Discharges	Wells		Impoundment	Disposal	Subtotal	Releases	Releases	Releases
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Alabama	0	27,512	17,969,161	17,996,674	8,683,377	25,377,047	5,570,131	0	144,717	5,703,324	91,038	45,569,635	63,566,308	15,849,064	79,415,372
Alaska	0	0	303	303	282,147	1,808,959	65,241	11	0	755	256,956	2,414,068	2,414,371	99	2,414,470
American Samoa Arizona	0	0	0 19,838	19,839	6,730 753,055	6 1,333,955	0 6,211	0 2,184,988	0 175,114	0 59,925	0 281,659,748	6,736 286,172,996	6,736 286,192,835	338,361	6,736 286,531,197
Arkansas	3,209,334	282,770	1,248,315	4,740,419	4,056,725	14,104,163	3,571,032	123,263	421.407	2,290,564	213,132	24,780,285	29,520,705	5,165,488	34,686,193
California	0	70,249	182,064	252,313	4,050,779	14,453,179	5,857,609	37,228	1,350,433	148,026	849,872	26,747,127	26,999,441	4,829,550	31,828,991
Colorado	0	0	127,423	127,423	891,746	1,085,047	5,041,381	0	566	5,949	143,640	7,168,328	7,295,752	300,955	7,596,707
Connecticut	0	0	58	58	967,457	2,188,581	749,134	0	0	269	168	3,905,609	3,905,667	1,036,086	4,941,753
Delaware	0	0	308,662	308,662	320,283	2,317,358	911,913	0	160	576	0	3,550,290	3,858,952	3,897,134	7,756,086
District of Columbia Florida	0 25.525.224	0 26.692	0 692.926	0 26,244,842	3,677 5,444,079	0 22,511,804	332 2,274,732	0 111.963	325 7,489,085	1,350 331,994	0 229.703	5,684 38,393,361	5,684 64,638,203	779 1,935,698	6,463 66,573,900
Georgia	25,525,224	20,092	399,530	419.545	8,570,609	34.415.814	10.197.439	111,963	209,085	1,853,213	369.840	55,616,000	56,035,545	3,426,397	59,461,941
Guam	ő	72,027	0	72,027	8	284	52,704	0	200,000	7	2	53,004	125,031	0,420,037	125,031
Hawaii	0	0	0	0	169,024	149,531	91,276	0	26,583	0	201,915	638,329	638,329	423,664	1,061,993
Idaho	0	0	338,593	338,593	1,084,847	3,118,439	5,344,804	0	1,150,385	1,411,818	2,778,498	14,888,790	15,227,383	349,571	15,576,955
Illinois	0	39,719	4,953,514	4,993,233	9,481,144	29,552,692	7,176,147	0	134,170	753,746	266,416	47,364,315	52,357,549	15,569,596	67,927,144
Indiana	999,947	515,581	9,660,699	11,176,228	12,407,660	27,210,563	27,816,515	0	143,872	765	221,348	67,800,722	78,976,950	75,936,403	154,913,353
Iowa Kansas	0 642,518	2,500 285	313,653 822,091	316,153 1,464,894	4,231,769 2,441,457	13,854,187 8,768,265	3,052,104 719,168	0 500	18,250 413,376	21,278 412	11,629 141,281	21,189,218 12,484,459	21,505,370 13,949,353	4,368,490 8,324,358	25,873,860 22,273,711
Kentucky	042,510	644,896	4,711,800	5,356,695	6,985,384	18,000,559	2,485,822	5,273	821,016	50,546	373,545	28,722,144	34,078,839	8,779,597	42,858,436
Louisiana	30,794,302	17,900	6,649,030	37,461,232	12,881,821	44,120,499	11,155,449	0,2.0	7,768	2,029,819	367,867	70,563,223	108,024,455	5,993,872	114,018,327
Maine	0	0	717,706	717,706	455,448	3,764,217	3,684,175	0	904	192	12,967	7,917,902	8,635,608	851,685	9,487,292
Maryland	0	104	1,801,794	1,801,898	723,426	5,899,128	3,284,537	0	84,862	1,803,227	27,901	11,823,081	13,624,979	701,814	14,326,793
Massachusetts	0	4	21,958	21,962	671,536	1,751,336	7,606	0	11	0	4,656	2,435,146	2,457,108	1,308,157	3,765,265
Michigan	2,723,859	15,616	1,212,619	3,952,094	4,094,543	23,213,363	748,065	0	86,027	1,366	3,471	28,146,835	32,098,929	52,709,249	84,808,178
Minnesota Mississippi	11.614.190	2,358 0	197,254 1,477,154	199,612 13.091.344	2,821,574 6,109,207	9,122,678 19,115,763	1,244,254 8,856,720	0	52,272 257,131	19,371 3.549.986	1,401 192,020	13,261,551 38,080,826	13,461,163 51,172,170	4,324,948 1,200,302	17,786,110 52,372,472
Missouri	0	184,267	769,606	953,873	3,112,803	20,106,846	4,461,118	0	15,734	47,871	22,553,169	50,297,539	51,251,412	7,072,678	58,324,091
Montana	0	6,807	51,065	57,872	597,075	3,070,831	102,817	Ō	802	38,070	835	3,810,430	3,868,301	35,008	3,903,309
Nebraska	0	42	8,240	8,282	1,192,012	3,012,592	13,110,264	0	752,218	1,090	22,586	18,090,762	18,099,044	6,389,887	24,488,930
Nevada	0	0	51,640	51,640	488,429	685,875	4	0	0	29,862	1,211,685	2,415,854	2,467,494	1,698,291	4,165,785
New Hampshire	0	250	1	251	169,471	738,941	6,620	0	0	0	8	915,041	915,291	181,094	1,096,385
New Jersey New Mexico	0 993	118,316 0	83,257 4.072	201,573 5.065	2,414,747 316.002	3,612,938 230,736	4,853,228 66,144	0	6,277 284.031	3,830 2,272	110,496 261.851	11,001,516 1,161,036	11,203,089 1,166,102	3,106,754 102,783	14,309,843 1,268,885
New York	993	746	295,260	296,006	2,936,033	10,718,215	6,281,492	0	28,661	2,212	306,217	20,270,620	20,566,626	3,354,289	23,920,915
North Carolina	0	10,778	802,358	813,136	5,448,965	29,658,764	8,791,246	0	680,490	440,829	647,259	45,667,552	46,480,689	9,203,814	55,684,502
North Dakota	0	0	486	486	299,143	2,665,166	147,296	0	902	2,600	1,071	3,116,177	3,116,663	196,056	3,312,719
Northern Marianas	0	0	0	0	1	1	0	0	0	2	1	5	5	0	5
Ohio	13,585,196	43,969	4,627,150	18,256,316	10,309,803	39,410,020	7,576,202	0	2,238	4,346,479	322,398	61,967,141	80,223,457	32,832,448	113,055,905
Oklahoma Oregon	12,054	55,476 369	262,981 301,163	330,511 301,532	2,744,799 2,318,269	13,046,613 9,661,823	3,114,549 2,615,558	0	40,996 258,822	23,027 703	329,089 127,701	19,299,072 14,982,876	19,629,583 15,284,408	2,891,566 1,811,555	22,521,149 17,095,963
Pennsylvania	0	3,040	514,990	518,030	6,496,420	19,689,555	9,283,416	0	17,846	116,918	2,044,744	37,648,899	38,166,929	47,364,746	85,531,676
Puerto Rico	0	535	40,250	40,785	1,065,755	1,185,741	9,587	0	0	0	12,630	2,273,713	2,314,498	486,920	2,801,418
Rhode Island	0	250	25	275	297,884	380,990	12,164	0	0	0	0	691,038	691,313	187,291	878,604
South Carolina	0	708,503	1,931,960	2,640,463	7,031,657	29,208,619	3,075,088	0	78,239	366,004	453,594	40,213,201	42,853,665	17,171,099	60,024,764
South Dakota	0	0	57,562	57,562	623,432	654,300	2,330,622	0	0	14,000	0	3,622,354	3,679,916	59,125	3,739,041
Tennessee	0	16,658	17,119,960	17,136,618	11,096,134	51,956,723	2,357,525	0	2,772	65,873	185,642	65,664,668	82,801,287	6,835,807	89,637,093
Texas Utah	88,247,919 0	423,263 74,970	3,334,866 1,823,447	92,006,049 1,898,417	33,117,393 1,289,771	49,654,450 15,585,635	30,411,124 44,761	0	522,793 320,235	2,212,327 26,442,171	1,148,252 230,952	117,066,338 43,913,525	209,072,387 45,811,942	13,294,968 1,105,440	222,367,355 46,917,382
Vermont	0	74,970	1,623,447	1,090,417	27,496	52,311	119,224	0	320,233	20,442,171	836	199,873	199,932	165,009	364,941
Virgin Islands	0	0	0	0	105,916	699,599	254,952	0	711	7,167	0	1,068,345	1,068,345	6,480	1,074,825
Virginia	0	135	806,741	806,876	6,371,105	31,089,225	8,123,972	0	121,172	15,989	190,652	45,912,114	46,718,991	9,058,106	55,777,096
Washington	0	8,564	1,098,609	1,107,173	1,297,571	10,573,254	1,557,893	0	84,783	1,092	255,434	13,770,027	14,877,200	1,893,813	16,771,013
West Virginia	15	6,364	17,176	23,555	2,993,526	6,107,381	4,086,281	0	0	7,382	1,446	13,196,015	13,219,570	3,255,670	16,475,241
Wisconsin Wyoming	0 6,806,800	2	528,449 1,546	528,450 6,808,346	2,693,884 510,178	14,583,986 748,322	3,047,336 5,265	0	646,880	36,318 28,041	67,116 12,138	21,075,519 1,303,944	21,603,969 8,112,290	10,864,407 12,938	32,468,376 8,125,228
Total	184.162.352	3,401,574	88,359,026	275,922,952	205,955,186	696,026,867	225,810,247	2.463.227	16,854,119	54,288,401		1,520,314,858	1,796,237,810	398,259,357	
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Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/tridata/index.htm#pdr.

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Facilities/forms are included in the manufacturing industry categories (SIC Codes 20-39) if they did not report a SIC code in the other industries. Forms that reported more than one 2-digit SIC code within the range 20 to 39 are assigned to the "multiple codes" category. Facilities/forms are included in the other industry categories if the facility/form has a SIC code in the other industries and no SIC code in 20-39. If the facility reported in any year prior to 1998 and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the manufacturing industry category. If the facility reported for the first time in 1998 or later and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the other industry category. Forms with no 2-digit SIC code are included in the "no codes" category. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2002 and previous years have been included in SIC code 10 for the purpose of this analysis.

^{*} Manufacturing industries include industries in SIC codes 20-39 and "no codes" category.